

ABSTRACT OF THE DISCLOSURE

A purifying apparatus for flowing water in which a negative electrode plate is disposed on a flowing water bed and a positive electrode plate is disposed in an upper face oppositely to the negative electrode plate, wherein the positive electrode plate is adapted so as to be dipped below a water surface of the flowing water with floats being disposed at least any of front/back and left/right of the positive electrode plate in a flowing direction of the flowing water, in the positive electrode plate there are arranged means for disposing it to an opposed upper face position with respect to the negative electrode plate and, in compliance with a necessity, means for vertically moving the positive electrode plate and gas collecting means, and the positive electrode plate and the negative electrode plate are provided with an electric field generating means. And, by constituting the purifying apparatus such that water pollution substances contained in the flowing water are oxidized and decomposed by a generation of high electric field pulses, the water pollution substances such as nitrogen and phosphorous having been difficult to be effectively eliminated are eliminated from an inside of the flowing water.